

DERWENT-ACC-NO: 1990-362168

DERWENT-WEEK: 199632

COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: Prepn. of sterile implant of human or animal tissue -
by treatment with radio-protective material before freezing
and sterilisation by irradiation

INVENTOR: FREISTEDT, B; MATTHES, G ; VONVERSEN, R ; VON
VERSEN, R

PATENT-ASSIGNEE: HUMBOLDT-UNIV BERLIN[UYBE] , UNIV
BERLIN HUMBOLDT[UYBE]

PRIORITY-DATA: 1989DD-0326463 (March 10, 1989)

PATENT-FAMILY:

PUB-NO MAIN-IPC	PUB-DATE	LANGUAGE	PAGES
DD 280466 A	July 11, 1990	N/A	000 N/A
DD 280466 B5 A61K 038/39	June 13, 1996	N/A	000

APPLICATION-DATA:

PUB-NO APPL-DATE	APPL-DESCRIPTOR	APPL-NO
DD 280466A 1989	N/A	1989DD-0326463 March 10,
DD 280466B5 10, 1989	N/A	1989DD-0326463 March

INT-CL (IPC): A61F002/10, A61K037/12, A61K038/39

ABSTRACTED-PUB-NO: DD 280466A

BASIC-ABSTRACT:

In prepn of sterile tissue implants from human or animal tissue, the rinsed, degreased and hydrated tissue is treated immediately before freezing with a 5-95% soln of a radio-protective agent, for 0.5-6 h, followed by shaping of the material and sterilisation by radiation.

Pref the radiation-protectant is a polyol, eg, glycol, triethylene glycol, erythritol or pentitol and/or DMSO, pref a 30% aq soln of propylene glycol.

ADVANTAGE - The material has high tensile strength and seam strength, has the required soft consistency, and can be stored for several years. Recontamination after sterilisation is avoided. @(3pp dwg.No.0/0)

TITLE-TERMS: PREPARATION STERILE IMPLANT HUMAN
ANIMAL TISSUE TREAT RADIO
PROTECT MATERIAL FREEZE STERILE IRRADIATE

DERWENT-CLASS: D22 E17 P32

CPI-CODES: D09-A; D09-C01; E10-A07; E10-A10A; E10-E04H;
E10-E04J;

CHEMICAL-CODES:

Chemical Indexing M3 *01*

Fragmentation Code

H4 H402 H403 H404 H405 H482 H483 H484 H582 H8

L810 L818 L821 L833 M280 M312 M313 M314 M315 M316
M321 M323 M331 M332 M333 M334 M342 M343 M344 M383
M391 M393 M416 M620 M781 M903 M904 Q261 R023 R046
Markush Compounds
199049-A2201-U
Registry Numbers
1327U 0502U

Chemical Indexing M3 *02*
Fragmentation Code
C216 K0 K4 K442 M210 M211 M271 M282 M320 M416
M620 M781 M903 M904 M910 Q261 R023 R046
Specific Compounds
00274U
Registry Numbers
1327U 0502U

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0137U; 0274U

SECONDARY-ACC-NO:
CPI Secondary Accession Numbers: C1990-157416